



Tamil Nadu Newsprint and Papers Limited

# 42<sup>nd</sup> Annual Report 2021-22



*Leading through innovation*

# Board of Directors



**Dr. M. Sai Kumar I.A.S**  
Chairman & Managing Director



**Thiru S Krishnan, IAS**  
Director



**Thiru N Muruganadam, IAS**  
Director



**Thiru Harmander Singh, I.A.S.,**  
Director



**Thiru N Narayanan, IAS (Retd.)**  
Director



**Thiru V Chandrasekaran**  
Director



**Tmt. Soundara Kumar**  
Director



**Thiru P. B. Santhanakrishnan**  
Director



**Dr. M. Arumugam**  
Director

## Contents

Notice	31	Business Responsibility Report	144
Directors' Report	47	Independent Auditor's Report	157
Annual Report on CSR Activities	58	Comments of the Comptroller and Auditor General of India	170
Secretarial Audit Report	62	Balance Sheet	171
Report on Energy Conservation	66	Statement of Profit and Loss	172
Disclosure on Remuneration	72	Cash Flow Statement	173
Extract of Annual Return	74	Notes to the Financial Statements	175
Management Discussion And Analysis	88		
Report On Corporate Governance	99		

# Company information

## Board of Directors

**Dr M. Sai Kumar, IAS** Chairman & Managing Director  
(w.e.f 12.06.2022)

**Thiru S Krishnan, IAS** Director  
(Director upto 10.11.2021  
CMD w.e.f 10.11.2021 to 12.06.2022  
Director w.e.f 12.06.2022)

**Thiru N Muruganandam, IAS** Director  
(CMD w.e.f 30.09.2021 to 10.11.2021)  
Director w.e.f 10.11.2021)

**Dr R Anandakumar, IAS** Director  
(w.e.f. 19.10.2020 to 25.06.2021)

**Dr Rajeev Ranjan, IAS** Chairman & Managing Director  
(from 08.05.2021 to 30.09.2021)

**Thiru Harmander Singh, IAS** Director  
(w.e.f. 25.06.2021)

**Thiru N Narayanan, IAS (Retd.)** Director

**Thiru V Chandrasekaran** Director

**Tmt. Soundara Kumar** Director

**Thiru P. B. Santhanakrishnan** Director

**Dr. M. Arumugam** Director

## Compliance Officer

**Tmt Anuradha Ponraj** Company Secretary  
(w.e.f 01.07.2022)

**Thiru B. Thamizhselvan** Company Secretary  
(w.e.f 01.03.2022 to 30.06.2022)

**Thiru B. Ravishankar** Company Secretary  
(w.e.f 30.06.2020 to 01.03.2022)

## Registered Office

**CIN** L22121TN1979PLC007799

### FACTORY

Unit I Kagithapuram - 639 136,  
Karur District,  
Tamil Nadu.

Unit II Mondipatti Village - 621 306,  
Thiruchirappalli District,  
Tamil Nadu.



## Statutory Auditors

M/s A V Deven & Co., Chartered Accountants,  
"Nu Tech Janaki" Flat-E, Third Floor,  
No. 9, (Old No. 1), 27th Street,  
Ashok Nagar, Chennai - 600083  
Ph No.: 044 - 24743394 / 24743395  
Fax No.: 044 - 24743392  
Email: 1985avd@gmail.com

## Cost Auditors

M/s Geeyes & Co.,  
Cost & Management Accountants,  
A-3, III Floor, 56, Seventh Avenue,  
Ashok Nagar, Chennai - 600 083  
Email: gsc094@gmail.com

## Secretarial Auditors

M/s M Damodaran & Associates  
Company Secretaries in Practice,  
New No.6, Old No.12, Appavoo Gramani,  
1st Street, Mandaveli, Opp. BSNL Office,  
Chennai, TamilNadu-600028.  
Phone No: +91 44-43601111  
Email Id: secretarial@mdassociates.co.in /  
info.blr@mdassociates.co.in  
Web: www.mdassociates.co.in

## Registrar and Share Transfer Agent

M/s Cameo Corporate Services Ltd.  
V Floor, "Subramanian Building"  
No. 1, Club House Road, Chennai - 600 002  
Tel. No. 044 28460390 - 28460395  
Fax No. 044 28460390

## Bankers and Financial Institutions

State Bank of India  
Canara Bank  
Indian Bank  
Karur Vysya Bank Limited  
HDFC Bank Limited  
Punjab National Bank  
Union Bank of India  
MUFG Bank Limited  
ICICI Bank Limited  
Kotak Mahindra Bank Limited  
IndusInd Bank Limited  
Federal Bank  
IDBI Bank Limited  
Yes Bank Limited  
Indian Overseas Bank  
Tamil Nadu Industrial Investment Corporation Ltd (TIIC)  
Export - Import Bank of India

# Highlights 2021-22

1

The Company's Revenue from Operations during the year 2021-22 is Rs. 4020.29 crore.

7

306591 tonnes of Hardwood Pulp, chemical Bagasse Pulp and Deinked Pulp were produced during the year in the Pulp Mill in Unit - I.

2

During the year 2021-22, the Paper production was 388881 MT, equivalent to 97%.

8

7186.72 lakh units of power was generated of which 7058.36 lakh units was consumed and 128.36 lakh units exported to Power Grid. Power drawn from State Grid and consumed was only 3.89% of total power consumed.

3

The packaging board plant production was 183770 MT during the year 2021-22, equivalent to 92% of capacity.

9

The bio-methanation plants have generated methane gas of 95.67 lakh m<sup>3</sup> during 2021-22. The methane gas was consumed in lime kiln and power boilers in replacement of 5073 KL of furnace oil and 256 MT of imported coal.

4

Achieved Paper sales of 438010 MT during the year 2021-22. Domestic Sales accounts for 67% and Exports at 33%.

10

The paper & pulp mill have implemented various water conservation projects and reduced the overall consumption of water to 35 KL/per ton of paper which is one of the lowest in paper industry.

5

The packaging board sales during the year 2021-22 was 184546 MT. Domestic Sales accounts for 88% and exports at 12%.

11

The wind farms with an installed capacity of 35.5MW capacity have generated 407.31 lakh Kwh Units of 'Green Power' during the year.

6

Market Capitalization was Rs 1160.32 Crore as on 31st March, 2022.

12

TNPL is the First and only company in the Indian Paper Industry to have established a cement manufacturing factory to convert the mill wastes lime sludge and flyash into high grade cement as part of its solid waste management system. During the year, the Company has manufactured 294233 MT of cement.

13

During the year 2021-22, overall borrowings decreased by Rs. 489 crore.

14

The Company won the 1st Position in the 17th National Award for Excellence in Cost Management, 2019, under the category of "Manufacturing-Public-Large" from The Institute of Cost Accountants of India.

15

TNPL won "IPMA Environment Award" for the year 2019-2020 conducted by Indian Paper Manufacturer Association (IPMA), New Delhi in January, 2022.

16

TNPL is one among the 29 companies awarded with both shield and certificate for "Industry Excellence Award 2021" conducted by Institution of Engineers - India (IEI), Kolkatta and the award was presented during 36th Indian Engineering Congress at New Delhi on Sunday, 26th December, 2021.

17

TNPL's project "Reduction of Green House Gas emission and Sodium sulphate consumption by In-House modified liquor gun firing system for Agro Based Chemical Recovery Boiler" is one among the 19 projects selected as "Most Innovative Environment Project" during CII – Environmental Best Practices Award 2021 in July, 2021.

18

TNPL has been declared as "Winner" of "Golden Peacock Award for Corporate Social Responsibility" for the year 2020 conducted by Institute of Directors (IOD), New Delhi. Awarded virtually through a specially organised 'Golden Peacock Awards Ceremony' in April, 2021.

19

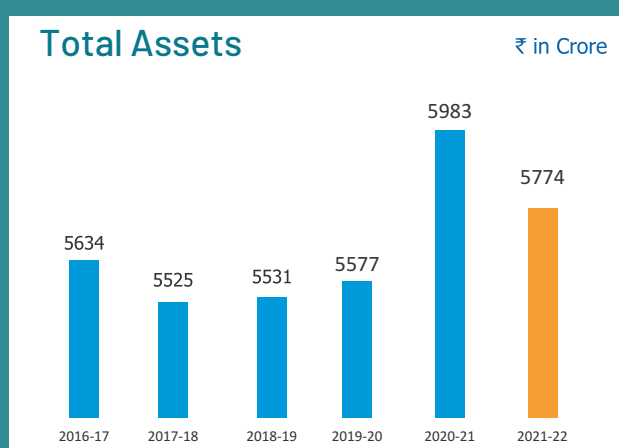
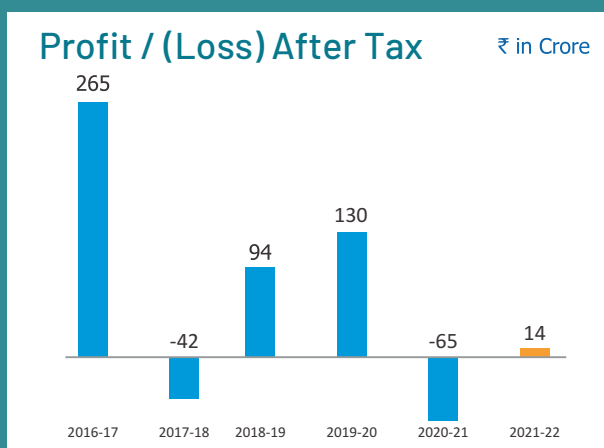
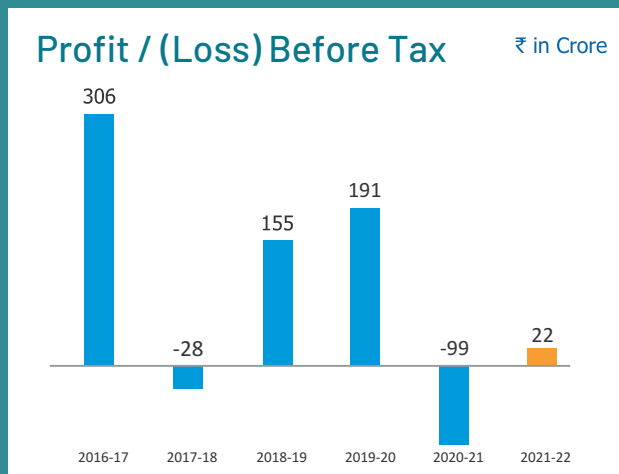
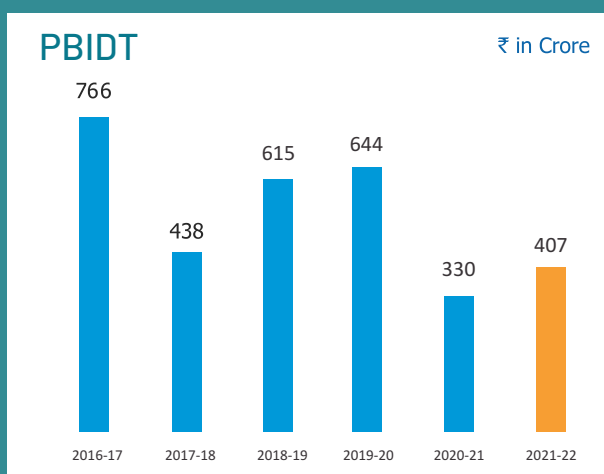
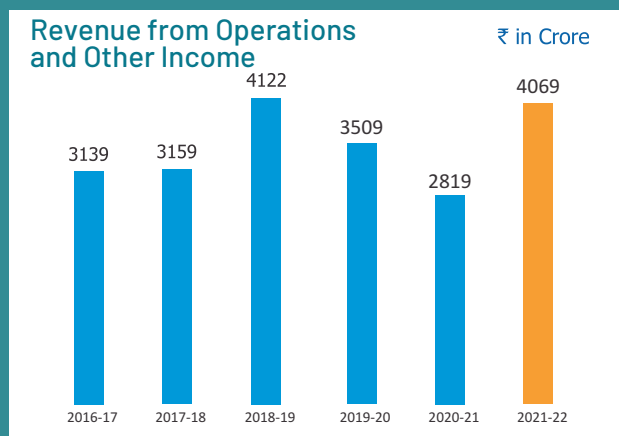
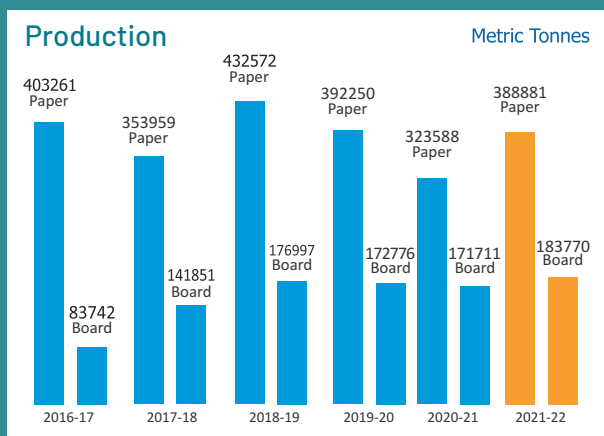
TNPL has been selected as award "winner" for Federation of Indian Chambers of Commerce and Industry – HR Score Awards 2021 conducted by Federation of Indian Chambers of Commerce and Industry along with their knowledge partner M/s Indian Institute of Management (IIM), Trichy in April, 2021.

# Financial Highlights - 10 Years at a Glance

PARTICULARS	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	2012-13
<b>Revenue (Rs in Lakhs)</b>										
Revenue from Operations & Other Income	406904	281910	350864	412195	315870	313872	255384	215237	230195	188118
PBIDT	40713	32997	64436	61524	43847	51389	58919	52236	52320	42207
Depreciation & Amortisation	22868	23533	23124	22668	22183	20768	14377	13730	19232	17500
Finance Cost	15642	19333	22259	23336	24463	25202	12185	15493	12821	12097
Profit Before Tax (PBT)	2203	-9869	19053	15520	-2799	30621	32358	23013	20268	12611
Income-tax	770	-3358	6050	6081	1417	4164	6377	6340	4150	3463
Profit After Tax (PAT)	1433	-6511	13003	9439	-4216	26457	25981	16673	16118	9148
<b>Balance Sheet (Rs in Lakhs)</b>										
<b>Equity</b>										
Share capital	6938	6938	6938	6938	6938	6938	6938	6938	6938	6938
Other Equity	151976	152739	164353	158230	153375	163527	144022	113226	107660	96610
Shareholders Fund (Net worth)	158914	159677	171291	165168	160313	170465	150960	120164	114597	103548
<b>Non-Current Liabilities</b>										
Borrowings	160369	194705	121140	124699	145032	165212	193872	136917	63699	65729
Deferred tax liabilities (Net)	21927	21531	25415	22865	22166	20853	23379	35959	31664	29046
Non-Current Liabilities - Others	17172	15902	14324	10847	11039	10523	10044	10133	9154	8397
<b>Current Liabilities</b>										
Borrowings	38215	33635	56749	28314	50857	74259	59040	47528	45040	49586
Current maturities of Long Term borrowings	23679	42823	39871	42851	46669	42871	15777	22121	38772	34707
Current Liabilities-Others	157154	130060	128875	158404	116389	79525	88799	96927	68339	57090
Total Equity and Liabilities	577430	598333	557665	553148	552465	563438	541871	469750	371265	348102
<b>Non Current Assets</b>										
Net Assets including CWIP and Intangible Assets	465477	445437	379615	390263	408901	415797	425201	304083	252819	254101
Non-Current investments	61	55	28	67	103	107	99	114	114	114
Non-Current assets others	8394	14132	17371	6494	9839	11502	10025	42119	26931	11146
Current Assets	103498	138709	160651	156324	133622	136032	106545	123433	91400	82741
Total Assets	577430	598333	557665	553148	552465	563438	541871	469750	371265	348102
No of shares	69210600	69210600	69210600	69210600	69210600	69210600	69210600	69210600	69210600	69210600
Book value Per Share ₹	229.61	230.71	247.49	238.65	231.63	246.30	218.12	173.62	165.58	149.61
EPS ₹	2.07	-9.41	18.79	13.64	-6.09	38.23	37.54	24.09	23.29	13.22
Dividend %	40	30	60	75	50	75	75	60	60	50
Debt (LTL) to Equity	1.16	1.49	0.94	1.01	1.20	1.22	1.39	1.32	0.89	0.97

From 2012-13 to 2014-15 as per Revised Schedule VI, From 2015-16 onwards as per Ind AS.

# Figures at a Glance

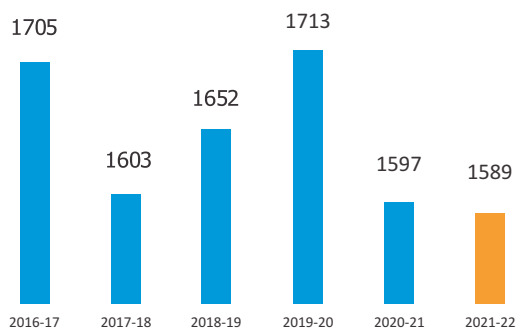




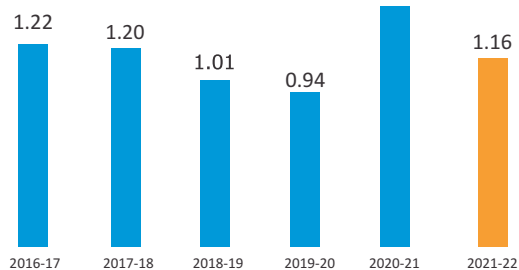
## Figures at a Glance

Networth

₹ in Crore

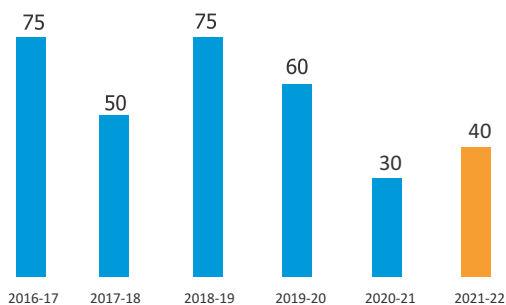


Long Term Debt Equity Ratio



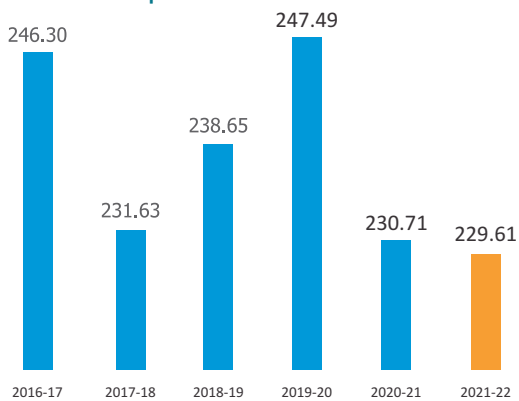
Dividend

Percentage (%)



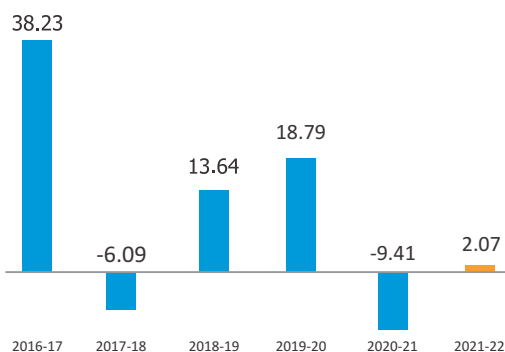
Book Value per Share

(₹)



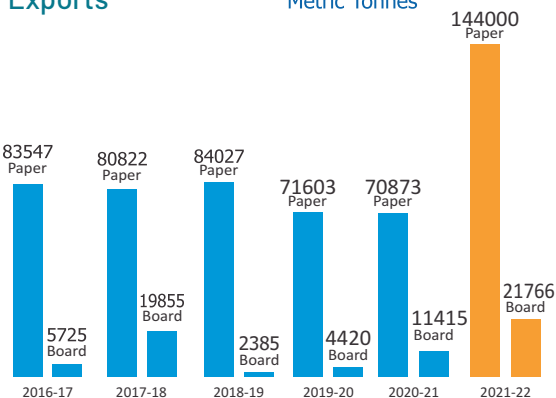
Earning Per Share (EPS)

(₹)



Exports

Metric Tonnes







# Innovative cutting-edge Technologies

**B**agasse is the sugar cane residue available from Sugar mills, which was otherwise burnt as in-house fuel in the Sugar mill boilers. Though Bagasse is an alternative raw material for paper making, to other fibre sources like wood, setting up a Newsprint manufacturing facility using Bagasse was considered a high risk project as the technology was not very successful commercially. However, TNPL took up the challenge of making Newsprint using Bagasse as primary raw material. TNPL commissioned the Bagasse pulping facility during 1985 and demonstrated that quality Newsprint and Fine paper can be made using Bagasse as the primary raw material. Over the years, TNPL has perfected the Bagasse pulping technology, right from its storage, preservation of quality, pulping and bleaching. Today, TNPL is an acknowledged leader in the technology of manufacture of paper from bagasse. Started with

an initial capacity of 90,000 tonnes per annum (tpa) on a single Paper Machine during 1984, the capacity of TNPL's Unit I in Kagithapuram has been enhanced to 400,000 tpa in 2011, by implementing three major brown field expansions. In its nearly four decades of mill operation, TNPL brought several new technologies in the company's fold like ECF bleaching of both Hardwood and Bagasse pulp, Oxygen delignification, Integrated Chlorine dioxide technology, Wash presses, Odour free recovery boiler, Collection and Incineration of NCG (Non-Condensable Gases), production of bio-gas from bagasse wash effluent. When the capacity expansion of the mill took place, TNPL commissioned a state-of-the-art Deinked pulp line during 2013, with three loop, two disperser system followed by Oxidative and Reductive bleaching, to produce high quality deinked pulp, used for printing and writing paper manufacture. This



*TNPL enjoys the status of the most environmentally benign mill in the country with least water consumption.*

Directors' visit to Unit 1 on 15th May 2022

Deinked pulp is first of its kind in India. Today, by way of implementing various advanced technologies, TNPL enjoys the status of the most environmentally benign mill in the country with least water consumption. Paper Industry involves water intensive operation. By employing latest technology in various mill operations

and also with maximum recycling, TNPL is one of the few mills in India, with lowest specific water consumption. The mill is also examining the possibilities of moving towards Zero Liquid Discharge, by adopting modern technologies.

In order to address the solid waste disposal related to the Lime Sludge and Fly ash, TNPL came out with a novel idea of setting up a Mini Cement Plant to convert these waste materials into high grade cement. TNPL is manufacturing about 900 tpd of high grade cement which is well received in the market. This is the first of its kind in Indian Paper Industry.

As part of further growth and considering relatively higher demand for packaging grade materials, TNPL made a foray into an allied segment viz., Packaging Board. TNPL established its Unit II for manufacture of 200,000 MT per annum of Multilayer Coated Paper Board. The trial production commenced in January 2016 – with a record time of 22 months from the date



Packaging Board Plant (Unit II)



Directors' visit to Unit II – MEP Project site – 16th May 2022